

Regional HIV/AIDS Epidemiologic Profile of Brockton, Massachusetts: FY 2008

Table 1. Total number of people reported with HIV infection or AIDS¹ by mortality status on December 31, 2007 Brockton, Massachusetts

	N	%
People Living with HIV/AIDS	369	58%
People Reported with HIV or AIDS who are Deceased	265	42%
Total Number of People Reported with HIV Infection or AIDS	634	100%

¹ Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07¹: Brockton, Massachusetts

Average annual HIV diagnosis rate from 2004–2006	Average Rate per 100,000	Average Number of HIV Diagnoses
Brockton, MA	23 per 100,000	22
Massachusetts Total	13 per 100,000	857
Rate of people living with HIV/AIDS on 12/31/07	Rate per 100,000	Number of People Living with HIV/AIDS
Brockton, MA	391 per 100,000	369
Massachusetts Total	267 per 100,000	16,977

¹ Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 3. People living with HIV/AIDS¹, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year²: 1999–2006, Brockton, Massachusetts

Year	HIV/AIDS Prevalence	Deaths among those with HIV/AIDS	Diagnosis of HIV Infection
1999	241	7	33
2000	266	6	31
2001	301	8	43
2002	318	15	32
2003	327	12	21
2004	336	11	20
2005	347	11	22
2006	364	7	24

¹ Number of People living with HIV/AIDS on 12/31 of each year

² Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis

Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 4. People diagnosed with HIV infection from 2004–2006¹ and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Brockton, Massachusetts

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	32	48%	218	59%
Female	34	52%	151	41%
Place of Birth:	N	%	N	%
US	35	53%	215	58%
Puerto Rico/US Dependency ²	4	6%	27	7%
Non-US	27	41%	127	34%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	12	18%	112	30%
Black (non-Hispanic)	40	61%	192	52%
Hispanic	13	20%	56	15%
Other/Undetermined ³	1	2%	9	2%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	10	15%	66	18%
Injection Drug Use (IDU)	5	8%	72	20%
MSM/IDU	0	0%	3	1%
Heterosexual Sex	7	11%	72	20%
Other	1	2%	13	4%
Total Undetermined	43	65%	143	39%
• Presumed Heterosexual Sex ⁴	27	41%	104	28%
• Undetermined ⁵	16	24%	39	11%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	1	2%	6	2%
13 to 19	3	5%	7	2%
20 to 24	4	6%	5	1%
25 to 29	10	15%	15	4%
30 to 34	4	6%	19	5%
35 to 39	8	12%	47	13%
40 to 44	9	14%	69	19%
45 to 49	16	24%	84	23%
50 to 54	7	11%	64	17%
55 to 59	2	3%	26	7%
60+	2	3%	27	7%
Total	66	100%	369	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

⁴ Heterosexual sex with partners with unknown risk and HIV status

⁵ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Brockton, Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	78	36%	34	23%
Black Non-Hispanic	96	44%	96	64%
Hispanic	39	18%	17	11%
Other/Undetermined ¹	5	2%	4	3%
Total	218	100%	151	100%

¹ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Brockton, Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	66	30%	N/A	N/A
Injection drug use (IDU)	49	22%	23	15%
MSM/IDU	3	1%	N/A	N/A
Heterosexual sex	23	11%	49	32%
Other	9	4%	4	3%
Total Undetermined	68	31%	75	50%
• Presumed heterosexual sex ¹	45	21%	59	39%
• Undetermined ²	23	11%	16	11%
Total	218	100%	151	100%

¹ Heterosexual sex with partners with unknown risk and HIV status

² Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Brockton, Massachusetts, before 1999, 1999–2006¹

	Male		Female		Total
	N	%	N	%	
< 1999	280	69%	123	31%	403
1999	21	64%	12	36%	33
2000	18	58%	13	42%	31
2001	21	49%	22	51%	43
2002	23	72%	9	28%	32
2003	7	33%	14	67%	21
2004	12	60%	8	40%	20
2005	10	45%	12	55%	22
2006 ²	10	42%	14	58%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Brockton, Massachusetts, before 1999, 1999–2006¹

	White NH		Black NH		Hispanic		Other/ Undetermined ²		Total
	N	%	N	%	N	%	N	%	
< 1999	185	46%	169	42%	46	11%	3	1%	403
1999	9	27%	15	45%	7	21%	2	6%	33
2000	12	39%	16	52%	-- ³	-- ³	-- ³	-- ³	31
2001	9	21%	28	65%	6	14%	0	0%	43
2002	8	25%	15	47%	8	25%	1	3%	32
2003	6	29%	13	62%	-- ³	-- ³	-- ³	-- ³	21
2004	6	30%	12	60%	-- ³	-- ³	-- ³	-- ³	20
2005	4	18%	14	64%	-- ³	-- ³	-- ³	-- ³	22
2004 ⁴	2	8%	14	58%	7	29%	1	4%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

⁴ 2006 data are preliminary

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Brockton, Massachusetts, before 1999, 1999–2006¹

	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	
< 1999	296	73%	25	6%	82	20%	403
1999	17	52%	4	12%	12	36%	33
2000	17	55%	2	6%	12	39%	31
2001	18	42%	4	9%	21	49%	43
2002	15	47%	4	13%	13	41%	32
2003	14	67%	1	5%	6	29%	21
2004	12	60%	1	5%	7	35%	20
2005	9	41%	3	14%	10	45%	22
2006 ³	14	58%	0	0%	10	42%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Brockton, Massachusetts, before 1999, 1999–2006¹

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX ²		Undeter- mined ³		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	81	20%	160	40%	12	3%	67	17%	25	6%	39	10%	19	5%	403
1999	8	24%	8	24%	1	3%	5	15%	0	0%	7	21%	4	12%	33
2000	5	16%	7	23%	0	0%	4	13%	1	3%	12	39%	2	6%	31
2001	4	9%	2	5%	0	0%	10	23%	1	2%	21	49%	5	12%	43
2002	7	22%	1	3%	0	0%	7	22%	0	0%	12	38%	5	16%	32
2003	3	14%	4	19%	0	0%	1	5%	0	0%	8	38%	5	24%	21
2004	4	20%	1	5%	0	0%	2	10%	1	5%	5	25%	7	35%	20
2005	1	5%	3	14%	0	0%	3	14%	0	0%	9	41%	6	27%	22
2006 ⁴	5	21%	1	4%	0	0%	2	8%	0	0%	13	54%	3	13%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

⁴ 2006 data are preliminary

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Brockton, Massachusetts, 1999–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	8	33	24%
2000	8	31	26%
2001	17	43	40%
2002	11	32	34%
2003	4	21	19%
2004	8	20	40%
2005	7	22	32%
2006	9	24	38%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS
Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Brockton, Massachusetts, 2004–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Gender:	N	N	%
Male	13	32	41%
Female	11	34	32%
Race/Ethnicity:	N	N	%
White (non-Hispanic)	2	12	17%
Black (non-Hispanic)	17	40	43%
Hispanic	4	13	31%
Other/Undetermined ²	1	1	100%
Place of Birth:	N	N	%
US	10	35	29%
Puerto Rico/US Dependencies ³	2	4	50%
Non-US	12	27	44%
Total	24	66	36%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08